



Rec'd ~~FEDPTO~~ 24 JUN 2002 #5
09/856749 CB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: DC-0155
Inventors: Brinckerhoff and Rutter
Serial No.: 09/856,749
Filing Date: May 24, 2001
Examiner: Not yet assigned
Group Art Unit: Not yet assigned
Title: Methods of Diagnosing, Prognosticating
and Treating Matrix Metalloproteinase-1
Related Diseases via a Matrix
Metalloproteinase-1 Single Nucleotide
Polymorphism

"Express Mail" Label No. EV123991624US
Date of Deposit - June 24, 2002

I hereby certify that this paper is being deposited with
the United States Postal Service "Express Mail Post Office
to Addressee" service under 37 CFR 1.10 on the date
indicated above and is addressed to the U.S. Patent and
Trademark Office, Box Sequence, P.O. Box 2327
Arlington, VA 22202

By Kathleen A. Tyrrell
Typed Name: Kathleen A. Tyrrell

Assistant Commissioner for Patents
BOX Sequence
United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

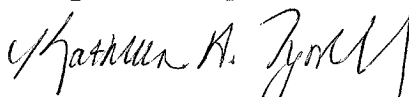
AMENDMENT

In response to the "Notification of Defective Response" dated
May 24, 2002, a response to which is due June 24, 2002, it is
requested that the Sequence Listing filed with the instant

application be deleted and replaced with the new Sequence Listing provided herewith. A paper copy and CRF copy of the new Sequence Listing are provided herewith.

The new Sequence Listing has been amended to correct errors resulting from the PatentIn 2.0 bug. No new matter has been added by this amendment.

Respectfully submitted,



Kathleen A. Tyrrell
Registration No. 38,350

Date: June 24, 2002

LICATA & TYRRELL P.C.
66 E. Main Street
Marlton, New Jersey 08053

(856) 810-1515



DT110'd PCT/PTO JUN 24 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: DC-0155
Inventors: Brinckerhoff and Rutter
Serial No.: 09/856,749
Filing Date: May 24, 2001
Examiner: Not yet assigned
Group Art Unit: Not yet assigned
Title: Methods of Diagnosing, Prognosticating
and Treating Matrix Metalloproteinase-1
Related Diseases via a Matrix
Metalloproteinase-1 Single Nucleotide
Polymorphism

"Express Mail" Label No. EV123991624US
Date of Deposit - June 24, 2002

I hereby certify that this paper is being deposited with
the United States Postal Service "Express Mail Post Office
to Addressee" service under 37 CFR 1.10 on the date
indicated above and is addressed to the U.S. Patent and
Trademark Office, Box Sequence, P.O. Box 2327
Arlington, VA 22202

By Kathleen A. Tyrell
Typed Name: Kathleen A. Tyrell

Assistant Commissioner for Patents
BOX Sequence
United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

In response to the "Notification of Defective Response"
dated **May 24, 2002**, a response to which is due **June 24, 2002**,
enclosed herewith is:

- (XX) Amendment under 1.825;
- (XX) Statement to Support Filing and Submission in Accordance with 37 CFR §§1.821 through 1.825;
- (XX) Substitute pages of the Sequence Listing;
- (XX) Substitute copy of the computer readable form of Sequence Listing;
- (XX) Copy of Notification of Defective Response;
- () Petition for Three (3) Month Extension of Time;
- () Other:_____.

The Commissioner is hereby authorized to charge any underpayment associated with this communication or credit any overpayment to Deposit Account No. 50-1619. This sheet is attached in duplicate.

Respectfully submitted,



Kathleen A. Tyrrell
Registration No. 38,350

Date: June 24, 2002

Licata & Tyrrell P.C.
66 E. Main Street
Marlton, New Jersey 08053

(856) 810-1515



RECEIVED
MAY 31 2002
UNITED STATES PATENT AND TRADEMARK OFFICE

6-27-02

PCT
Page 1 of 2

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NUMBER NO. 09/856,749	FIRST NAMED APPLICANT Constance E Brinckerhoff	ATTY. DOCKET NO. DC-0155
---	---	-----------------------------

INTERNATIONAL APPLICATION NO. PCT/US99/26610

I.A. FILING DATE 11/10/1999	PRIORITY DATE 11/30/1998
--------------------------------	-----------------------------

Licata & Tyrrell
66 E Main Street
Marlton, NJ 08053

Docket System ☒
Status Report ☒
Docket Book ☒

CONFIRMATION NO. 2413
371 FORMALITIES LETTER



OC00000008153214

Date Mailed: 05/24/2002

06/24/02

mpx 11/24/02

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fee
- Indication of Small Entity Status
- Priority Document
- Assignee Statement
- Biochemical Sequence Diskette
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Oath or Declaration
- Small Entity Statement

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - The computer readable form that has been filed with this application has been found to be damaged and/or

unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).

- Please review the error report attached to the notice.

- **APPLICANT MUST PROVIDE:**

- An initial or substitute computer readable form (CRF) of the "Sequence Listing."
- An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 305-3734

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/856,749	PCT/US99/26610	DC-0155